



Mobile Fintech Dashboard

A professional React Native fintech dashboard application with modern UI/UX design, featuring transaction management, account overview, and theme customization.

Platform **React Native**

License **MIT**

Build **Passing**



Features



Authentication

- **Login/Register System** - Secure user authentication
- **Form Validation** - Real-time input validation
- **Error Handling** - User-friendly error messages



Dashboard

- **Transaction History** - View and filter financial transactions
- **Account Balance** - Real-time balance display with trend indicators
- **Quick Actions** - Send money, receive payments, top-up options
- **Financial Overview** - Income, expenses, and savings tracking



User Experience

- **Dark/Light Theme** - Toggle between themes with smooth transitions
- **Responsive Design** - Optimized for all screen sizes
- **Native Navigation** - Smooth screen transitions and navigation

- **Professional UI** - Modern fintech-inspired design



Mobile-First

- **Native Performance** - Built with React Native for optimal performance
- **Cross-Platform** - Runs on both Android and iOS
- **Offline Support** - Basic functionality available offline
- **Push Notifications** - Real-time transaction alerts



Quick Start

Prerequisites

- **Node.js** 18+ ([Download](#))
- **React Native CLI** (`npm install -g react-native-cli`)
- **Android Studio** for Android development
- **Xcode** for iOS development (macOS only)

Installation

1. Clone the repository

```
bash git clone https://github.com/Markdcoder/mobile-fintech-dashboard.git cd mobile-fintech-dashboard
```

2. Install dependencies

```
bash npm install
```

3. Start Metro bundler

```
bash npx react-native start
```

4. Run on Android

```
bash npx react-native run-android
```

5. Run on iOS (macOS only)

```
bash npx react-native run-ios
```

Build APK

Automated Builds (GitHub Actions)

Every push to the main branch automatically builds an APK. Check the **Actions** tab for build status and download links.

Manual Build

```
# Clean build
cd android
./gradlew clean

# Build release APK
./gradlew assembleRelease

# APK location
# android/app/build/outputs/apk/release/app-release.apk
```

Project Structure

```
mobile-fintech-dashboard/  
├── src/  
│   ├── components/           # Reusable UI components  
│   │   ├── Button.tsx  
│   │   ├── Input.tsx  
│   │   └── Badge.tsx  
│   ├── screens/              # App screens  
│   │   ├── AuthScreen.tsx  
│   │   └── DashboardScreen.tsx  
│   ├── contexts/             # React contexts  
│   │   └── ThemeContext.tsx  
│   ├── utils/                # Helper functions  
│   │   ├── helpers.ts  
│   │   └── mockData.ts  
│   └── types/                # TypeScript definitions  
│       └── index.ts  
├── android/                  # Android-specific code  
├── ios/                      # iOS-specific code (when added)  
└── .github/workflows/        # GitHub Actions  
    └── build-apk.yml
```

Tech Stack

- **Frontend:** React Native, TypeScript
- **Navigation:** React Navigation 6
- **State Management:** React Context + Hooks
- **Styling:** StyleSheet (converted from Tailwind CSS)
- **Icons:** React Native Vector Icons
- **Build:** Metro, Gradle

- **CI/CD:** [GitHub Actions](#)



Screenshots

Screenshots will be added after first release



Download

Latest Release

- **Android APK:** [Download from Releases](#)
- **Build Status:** Check [GitHub Actions](#)

Development Builds

Every commit to main triggers an automatic build. APK files are available as artifacts in the Actions tab.



Roadmap

- ☐ **iOS Support** - Complete iOS configuration and testing
- ☐ **API Integration** - Connect to real fintech APIs
- ☐ **Push Notifications** - Real-time transaction alerts
- ☐ **Biometric Authentication** - Fingerprint/Face ID login
- ☐ **Multi-language Support** - Internationalization
- ☐ **Advanced Analytics** - Spending insights and reports
- ☐ **Card Management** - Virtual and physical card controls
- ☐ **Investment Tracking** - Portfolio management features

Contributing

Contributions are welcome! Please feel free to submit a Pull Request.

1. Fork the project
2. Create your feature branch (`git checkout -b feature/AmazingFeature`)
3. Commit your changes (`git commit -m 'Add some AmazingFeature'`)
4. Push to the branch (`git push origin feature/AmazingFeature`)
5. Open a Pull Request

License

This project is licensed under the MIT License - see the [LICENSE](#) file for details.





Author

Markdcoder

- GitHub: [@Markdcoder](#)
- Repository: [mobile-fintech-dashboard](#)

Acknowledgments

- React Native community for excellent documentation
- Fintech design inspiration from modern banking apps
- Open source contributors and maintainers

**  Ready to transform your financial experience? Download the APK and get started!** [ Download APK](<https://github.com/Markdcoder/mobile-fintech-dashboard/releases>) • [ Report Bug](<https://github.com/Markdcoder/mobile-fintech-dashboard/issues>) • [ Request Feature](<https://github.com/Markdcoder/mobile-fintech-dashboard/issues>)